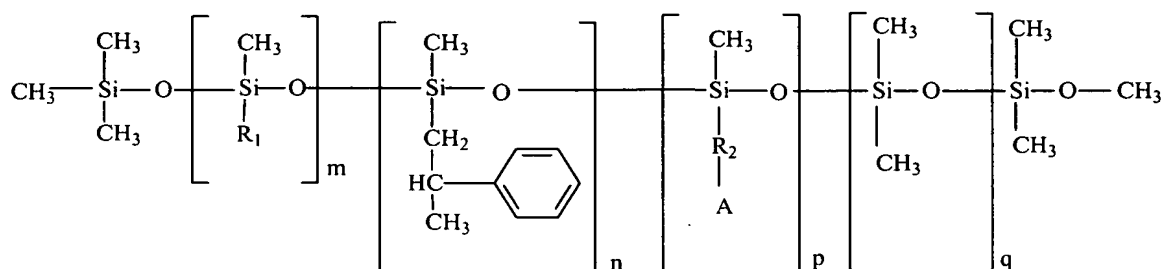


**WHAT IS CLAIMED IS:**

1. A print assembly comprising:  
a dye-donor element comprising a dye-donor layer, wherein the dye-donor element includes a donor stick preventative agent; and  
a receiver comprising a dye image-receiving layer, wherein the receiver includes a receiver stick preventative agent of the formula:



wherein  $R_1$  is an alkyl chain of  $C_9H_{19}$  or greater;  $R_2$  is an alkyl chain of  $C_3H_7$  or greater;  $A$  is  $NH-R_3$ ,  $NHNH_2$ ,  $NHCO-R_3$ ,  $NH-R_4-NH_2$ , or  $NHCO-R_4-NH_2$ ;  $R_3$  is an alkyl chain of  $C_2H_5$  or greater;  $R_4$  is an alkyl chain of  $C_2H_5$  or greater;  $m$  is from about 0 to 95 weight percent;  $n$  is from about 0 to about 70 weight percent;  $p$  is from 0 to about 40 weight percent; and  $q$  is from 0 to 95 weight percent, with the proviso that when  $m$  is 0, then  $n$  is 0, and  $R_3$  is an alkyl chain of  $C_8H_{17}$  or greater, otherwise when  $m$  is greater than 0,  $n$  is from 0.1 to 70 weight percent, based on the total weight of the receiver stick preventative agent; and

wherein the dye-donor element and receiver are in superposed position such that the dye-donor layer is adjacent the dye image-receiving layer.

2. The print assembly of Claim 1, wherein the receiver stick preventative agent is of the formula wherein  $p$  is 0.
3. The print assembly of Claim 1, wherein the receiver stick preventative agent is in the dye image-receiving layer of the receiver.
4. The print assembly of Claim 3, wherein the dye image-receiving layer is extrusion coated on a support, and the receiver stick preventative agent has the formula wherein  $p$  is 0.

5. The print assembly of Claim 1, wherein the receiver stick preventative agent is present in an amount greater than or equal to  $5.5 \times 10^{-4} \text{ g/m}^2$ .

6. The print assembly of Claim 1, wherein the receiver stick preventative agent is present in an amount of from about  $5.5 \times 10^{-4} \text{ g/m}^2$  to about  $0.022 \text{ g/m}^2$ .

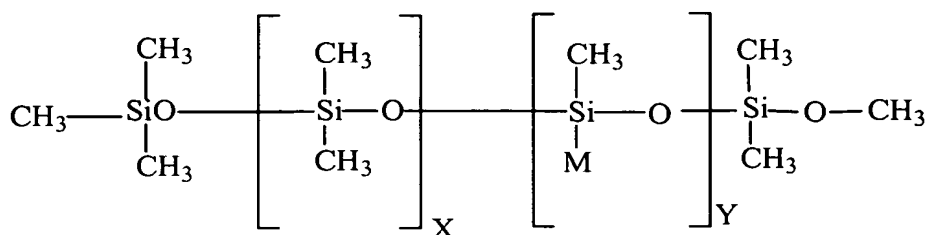
7. The print assembly of Claim 1, wherein the donor stick preventative agent is in the dye-donor layer.

8. The print assembly of Claim 7, wherein the dye-donor element further comprises a slip layer, and wherein the donor stick preventative agent is present in the slip layer.

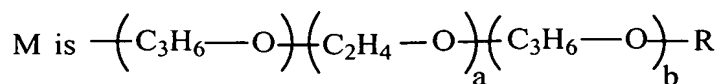
9. The print assembly of Claim 1, wherein the dye-donor element further comprises at least one of a substrate, or an adhesive layer, and wherein the donor stick preventative agent is present in one or more of the substrate, or adhesive layer.

10. The print assembly of Claim 1, wherein the donor stick preventative agent is added in an amount of from about  $0.001 \text{ g/m}^2$  to about  $0.01 \text{ g/m}^2$ .

11. The print assembly of Claim 1, wherein the donor stick preventative agent comprises a polydimethylsiloxane, a polyalkyleneoxide modified polydimethylsiloxane, an acrylic functional polyester modified polydimethylsiloxane, a dimethylsiloxane-ethylene oxide block copolymer; a polyalkyleneoxidimethylsiloxane copolymer; a (polyethyleneoxide) siloxane, a cyclotetrasiloxane, an octamethylcyclotetrasiloxane, a phenylheptamethyl cyclotetrasiloxane, a polymethyltetradecylsiloxane, a polymethyloctadecylsiloxane, a methyl-3,3,3-trifluoropropylsiloxane, a polypropyleneoxide siloxane copolymer; an epoxy functional silicone, an amine functional silicone, an alpha-methyl styrene, a hexamethoxymethyl melamine, a polytetrafluoroethylene, or a polyoxyalkylene-modified dimethylsiloxane graft copolymer of the formula:



wherein



R represents hydrogen or an alkyl group having from 1 to about 4 carbon atoms; X is 0 to 10; Y is 0.5 to 2; a is 0 to 100; b is 0 to 100; and a+b is greater than 45; or a combination thereof.

12. The print assembly of Claim 1, wherein the donor stick preventative agent is the same as the receiver stick preventative agent.

13. The print assembly of Claim 1, wherein the print assembly is capable of print speeds less than 4 ms/line.

14. The print assembly of Claim 1, wherein the print assembly is capable of print speeds less than 2 ms/line.

15. The print assembly of Claim 1, wherein the print assembly is capable of print speeds less than 1.5 ms/line.

16. The print assembly of Claim 1, wherein the print assembly is capable of producing an image with a print to fail value of at least four.

17. The print assembly of Claim 1, wherein the print assembly is capable of producing an image with a density of at least two.

18. The print assembly of Claim 17, wherein the print assembly is capable of print speeds less than 2 ms/line.

19. A method of forming an image, comprising:  
forming the print assembly of Claim 1;  
positioning the dye-donor element of the print assembly adjacent a thermal print head;  
imagewise heating the thermal printhead, transferring dye from the dye-donor layer to the receiver to form an image on the receiver; and  
separating the dye-donor element and receiver to expose the image.
20. The method of Claim 19, wherein imagewise heating the thermal printhead occurs at a line speed of less than 4 ms/line.
21. The method of Claim 19, wherein imagewise heating the thermal printhead occurs at a line speed of 2 ms/line or less.
22. The method of Claim 19, wherein the image has a density of at least two.
23. The method of Claim 19, wherein a print to fail value of at least 4.
24. The print assembly of Claim 1, wherein the receiver stick preventative agent has the formula wherein m and n are both 0.